

CLAIMS

WHAT IS CLAIMED IS:

5 1. A synthetic oligonucleotide comprising a contiguous stretch of at least about 15 nucleotides first disclosed in at least one of SEQ ID NOS:9-1008.

2. An isolated cDNA polynucleotide derived from the genome of a human that is capable of hybridizing to a sequence first disclosed in at least one of SEQ ID NOS:9-1008 under stringent conditions.

10 3. An isolated polynucleotide comprising a contiguous stretch of at least about 60 nucleotides first disclosed in at least one of SEQ ID NOS:9-1008.

15 4. An isolated polynucleotide according to Claim 3, wherein said polynucleotide sequence comprises at least one of SEQ ID NOS:9-1008.

5. An *in vitro* process for producing a polynucleotide comprising the steps of:

- 20 a) obtaining a polynucleotide template encoding a sequence capable of hybridizing to a GTS of SEQ ID NOS:9-1008;
- b) combining said template with a synthetic oligonucleotide sequence of about 14 to about 80 bases in length that comprises a contiguous sequence of at least about 12 nucleotides disclosed in one of SEQ ID NOS:9-1008; and
- 25 c) processing the combined oligonucleotide and template preparation such that said oligonucleotide sequence hybridizes to said template in the presence of a DNA polymerase molecule and a sufficient concentration of dNTPs for said oligonucleotide sequence to prime DNA synthesis by said polymerase,
- wherein a polynucleotide is produced that encodes at least about 50 contiguous nucleotides first disclosed in one of SEQ ID NOS:9-1008.

30 6. The process of Claim 5 wherein said template is mammalian cDNA.

7. The process of Claim 5 wherein said template is mammalian genomic DNA.

8. A process according to Claim 6 wherein said templates are of human origin.

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9. A process according to Claim 7 wherein said templates are of human origin.

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